

THE FMSB NEWSLETTER

Volume 25

<http://www.nnsy1.navy.mil/FMSB>

December 2004

Changes in PVO

Jamie Gardner

There have been many changes in Primary Valve Operations with the implementation of the new revision of the Engineering Department Manual (EDM) and Revision 69 of Standard Navy Nuclear Valves and Auxiliary Equipment (SNNV). This article will highlight some to the changes.

A major change in the EDM is the performance of valve lineups. The EDM also addresses the requirements for additional PVO training before yard periods. It is recommended that all activities review the EDM for new requirements.

Big changes have also been noted in the SNNV manual. First, there are new requirements for lubrication of o-rings and seating surfaces. There are also changes in the procedure for a stuck cap to give you more cap removal techniques.

Tooling for valve operations has really undergone a change. Cut-off wrenches have been replaced with combination wrenches. Torque wrenches with lights that have not been disabled are authorized. There is not a requirement to disable any lights or buzzers on torque wrenches and NAVSEA recommends using the lights/buzzers to aid in torqueing components and valves. FMSB recommends that you verify your PVO tool lockers with each individual component chapter in the SNNV to ensure you have the proper tooling.

If there are any questions or concerns, please contact any of the PVO instructors at FMSB.

Farewell

Mike Hardison

Back 35 years ago when I was in the Navy, cruising the Western Pacific on a tin can, I never thought that my military time would help me in whatever career I pursued after I returned to civilian life. But after going back to college and then getting a job working for Uncle Sam at Charleston Naval Shipyard, those years in the Navy have added on to my Civil Service time such that I can retire now. My last day with FMSB at Norfolk Naval Shipyard will be January 3, 2005.

It has been a very rewarding time working with so many conscientious and committed individuals, both civilian and military. I have enjoyed my professional career at both Charleston and Norfolk shipyard and my brief stint with the Naval Sea Systems Command. I think my most rewarding time has been working with the IMA Nuclear Planning Yard (IMANPY), now known as FMSB and FRSD. It has given me the opportunity to expand my knowledge in many technical and training development areas. I have also had the opportunity to meet many of the fine officers and enlisted personnel on various ships and shore facilities, including the prototypes.

As my wife tells me, I am too young to retire, so it is not really retirement but a change in which direction I drive to my next job! Seriously though, we'll be building a house in North Carolina for the next few months so I'll be occupied with that for the time being.

I hope that I have added to some improvement with the services that FMSB provide to the fleet. Please continue to support FMSB and feel free to call on the staff for any help you may need. Farewell to you all.

Dept Hd __ Div Hd __ Supv/LCPO __ TRG/QA __ 38N/RM/M-DIV __ Planning __ File __

Recently Completed Training

Jamie Gardner

FMSB has conducted the following training:

- * NPTU Charleston, September 13-24, PVO Train-the-Trainer.
- * USS FRANK CABLE, September 20-30, Steam Plant Cleanliness, Controlled Material, Valve Seat Repair and Valve Gasket Sealing Surface Repair.
- * AIRPAC/SUBPAC Units, Northwest, November 8-19, PVO Train the Trainer.
- * PCU NORTH CAROLINA, November 17-19, Steam Plant Cleanliness, Valve Seat Repair and Stem Packing Replacement
- * Quality Maintenance Course 05-1, December 6-17, graduated a class of 10. Attendees of the class are from AIRLANT (1), CVN 65 (3), CVN 68 (1), CVN 70(1), CVN 71 (2) and CVN 73 (2).
- * QAOC 05-1 October 4-November 5 graduated a class of 13. Attendees are reporting to SIMA, Norfolk, SDV Team One, NSSC Kings Bay, NAVSHIPREPFAC Yokosuka, COMSUBLANT, NSSC Bangor, NPTU Ballston Spa, TRF Kings Bay, COMSUBGRU Two, CVN 70, CVN 68 (2) and SIMA San Diego.
- * Nuclear Trades Skill Course 05-1 October 4-November 16 graduated a full class of 6. Attendees are reporting to USS EMORY S. LAND (3), NPTU Charleston (2), and NPTU Ballston Spa (1).

For information on scheduling training with Fleet Maintenance Support Branch, contact Jamie Gardner at (757)-393-7042 or by email GardnerJM@nnsy.navy.mil.

Student Check In

Jamie Gardner

Personnel who will be attending a FMSB course at Norfolk Naval Shipyard should visit our website for check-in procedures, directions and other useful information. Also, students attending schools at NNSY are required by their orders to contact us before arrival. The points of contact are Michelle Ambrose at (757) 393-7150 or Jamie Gardner at (757) 393-7042.

Upcoming Training

Jamie Gardner

FMSB is scheduled to perform the following training:

- * AIRLANT Units, Norfolk Area, Jan 10-21, PVO Train-the-Trainer. POC: LCDR Kenney (757) 444-6882
- * SUBLANT Units, New London Area, March 21-April 1, PVO Train-the-Trainer. LT Eversole (860) 694-3296
- * USS JOHN F. KENNEDY, April 4-8, Operational Unit Training. Topics: Format I, Format II, FWP Change and Revisions, Non-Nuclear Controlled Material, Precision Measuring and Audits. POC: LT Argillander

For information on scheduling training with Fleet Maintenance Support Branch, contact Jamie Gardner at (757)-393-7042 or by email GardnerJM@nnsy.navy.mil.

Farewell

Jamie Gardner

FMSB would like to bid Mike Hardison, Branch Head for FMSB, a fond "Farewell and Following Seas" as he retires January 3, 2005.

He and his wife Heather will retire to North Carolina where he will spend his time building a new house after which he will pursue other career interests. We wish both of them the best of luck in their future endeavors.

Welcome Aboard

Jamie Gardner

FMSB would like to welcome Michelle Ambrose to our organization. Michelle comes to us from NDT Branch and has 15 years of ship repair experience. She is assigned as our Training Tech. She will be the students' contact for sending security information for our classes and will assist in the administration of classes.

Her phone number is (757) 393-7150 and her fax number is (757) 393-7120.

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Previous issues or articles are available by visiting the FMSB WebSite or contacting FMSB by phone or e-mail. (POC xxx xxx)	

**NORFOLK NAVAL SHIPYARD
FLEET MAINTENANCE SUPPORT
BRANCH, CODE 2380.3, BUILDING 276
PORTSMOUTH VA 23709-5000
FAX (757) 393-7120
(DSN 386-1185 + last five digits)**

B-Port FME Clean Plug Problems

John Henderson

For those activities using the carbide cutter seat repair kits made by Puget Sound Naval Shipyard (PSNS), PSNS recommends discontinuing the use of the 1B0500BP FME cleanliness plug. This is due to recent problems with this plug being pushed past the angled part of the valve body B-port, and becoming lodged.

The 1B0500BP FME plug is designed to fit into the B-port of ½-inch Standard Navy valve bodies with butt weld nozzles to NAVSHIPS 803-2177525 and Standard Naval Nuclear valves with butt weld nozzles to NAVSEA 0989-150-0000 Chapter 6.1. Note that valve bodies with socket weld nozzles use a different plug (1B0500SW), and they are unaffected by this notice.

Some of the newer kits for ½-inch valves of NAVSHIPS 803-2177525 (kits "A" & "A70") and ½-inch valves of NAVSEA 0989-150-0000 Chapter 6.1 (kit "B") have this plug contained in them. The 1B0500BP FME plug is stocked under NSN 1H 4730-01-473-7736.

The 1B0500BP-90 FME plug & 3B0500BP-90 FME plug are under development to replace the FME plug 1B0500BP. Until the replacements are available, the 4F0546 lanyard plug (NSN 1H 4730-01-494-0953) can be obtained to seal the B-port. It should also be noted that the guide bushings included in each kit are provided with an FME barrier that will provide FME for the B-port in most cases. Instructions included with each seat repair kit explain how to perform a blue check between the guide bushing with FME barrier and valve body bridgewall to verify a satisfactory contact.

For any questions or concerns, please contact FMSB (John Henderson) at 757-393-7137 (DSN 386-1185, ext. 37137), or PSNS (Mike Blankenship/Dean Norman) at 360-476-3665.

Future Articles

Jamie Gardner

If you have a question and/or articles of interest for *The FMSB Newsletter*, please let us know. If necessary, FMSB will conduct the research. Request deadline for the next issue is Feb 15, 2005. Write, E-mail, or call FMSB.

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Gerry Dodd - Quality Notes, Freeze Seals, Training Valves, Mock-ups, **DoddGA@nnsy.navy.mil, (757) 393-7125**

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Phil Doyle - Technical Manuals and Drawings, PVO

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Butch Estridge - Trade Skills, valve replacement, fitting pipe, Basic Trade Skill Lesson Plans

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Jamie Gardner - On-site Training and Sponsorship,

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Ken Korpanty - Cutting Tools, Mockups

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Al Pendleton - LARs, Plant Conditions and Effluent Collection

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Mark Rice - Trade Skills, valve replacement, pipe fitting, Basic Trade Skill Lesson Plans

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Andrew Reutt- Trades Skills, valve repair

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Charlie Simpson- Valve repair, system inspection/repair

SimpsonCR@nnsy.navy.mil (757) 393-7144

Jeff Smith - Controlled Material, Trade Skills, valve replacement, pipe fitting

SmithJEA@nnsy.navy.mil, (757) 393-7193

Tim Tew - FWP/CWPs, ShipAlts, JFMM

TewTN@nnsy.navy.mil, (757) 393-7140

Sheila Tucker - Vault Custodian and Technical Manuals

TuckerSR@nnsy.navy.mil, (757) 393-7020

When contacting FMSB by e-mail, send the e-mail to two or more people. That way if someone is on leave or travel, another person can contact you.

DETAILERS

Detailer information is provided to assist in obtaining billets for FMSB scheduled courses.

Nuclear Planners Course (NPC)

CANTRAC S-661-1022: MMCS (SS) Ciko

michael.ciko@navy.mil, (901) 874-3627, DSN 882-3627.

Nuclear Trade Skills Course (NTSC)

CANTRAC S-661-1025: MM1 (SS) Richmond

brian.richmond@navy.mil, (901) 874-3628, DSN 882-3628.

Quality Assurance Officers Course (QAOC)

CANTRAC S-4H-0001: LCDR Jeff Pafford

jeffrey.pafford@navy.mil, (901) 874-3945, DSN 882-3945, Fax (901)874-2648.

Propulsion Plant Trade Skills Course (PPTSC)

CANTRAC S-661-1026 MMC (SW) Mendez,

michael.mendez@navy.mil, (901) 874-3632, DSN 882-3632.

NNSY CODE 138 WELDING & NDT

Johnny Broach - Welding,

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Tom Metger - NDT

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Jerry McKnight - Welding, NDT, LGI,

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Jim McNabb - NDT,

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Chris Wray - NDT,

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FMSB COURSE SCHEDULE

Propulsion Plant Trade Skills Course

PPTSC 05-1 24 Jan - 04 Feb 05

PPTSC 05-2 02 May - 13 May 05

PPTSC 05-3 06 Jun - 17 Jun 05

PPTSC 05-4 11 Jul - 22 Jul 05

PPTSC 05-5 15 Aug - 26 Aug 05

Nuclear Planners Course

NPC 05-1 18 Jan - 22 Feb 05

NPC 05-2 25 Jul - 26 Aug 05

Quality Assurance Officers Course

QAOC 05-1 04 Oct - 05 Nov 04

QAOC 05-2 18 Apr - 19 May 05

Nuclear Trade Skills Course

NTSC 05-1 04 Oct - 16 Nov 04

NTSC 05-2 07 Mar - 15 Apr 05

These courses are Detailer controlled. Contact the applicable Detailer listed in this Newsletter to obtain a billet for these courses.